

Regional Wastewater
Services Plan

**CONVEYANCE
SYSTEM
IMPROVEMENTS**

CONSULTANT INFORMATION
MEETING

MARCH 30, 2001



KING COUNTY

CSI PLANNING OBJECTIVES

- **STORM IMPACTED FACILITIES**
- **NEAR TERM CRITICAL CAPACITY NEEDS**
- **IMPROVEMENTS THAT OPTIMIZE
SYSTEM OPERATION**
- **PUBLIC HEALTH AND SAFETY
CONCERNS**
- **POLICY OR PERMIT REQUIREMENTS**
- **LOCAL AGENCY SYSTEM DEVELOPMENT**
- **OTHER FEDERAL, COUNTY OR LOCAL
RESOURCES**

**REGIONAL CONVEYANCE & PUMP
STATION IMPROVEMENTS NECESSARY
FOR IMPLEMENTATION OF THE RWSP AND
THE BRIGHTWATER TREATMENT PLANT**



KING COUNTY

CSI PLANNING PRINCIPLES

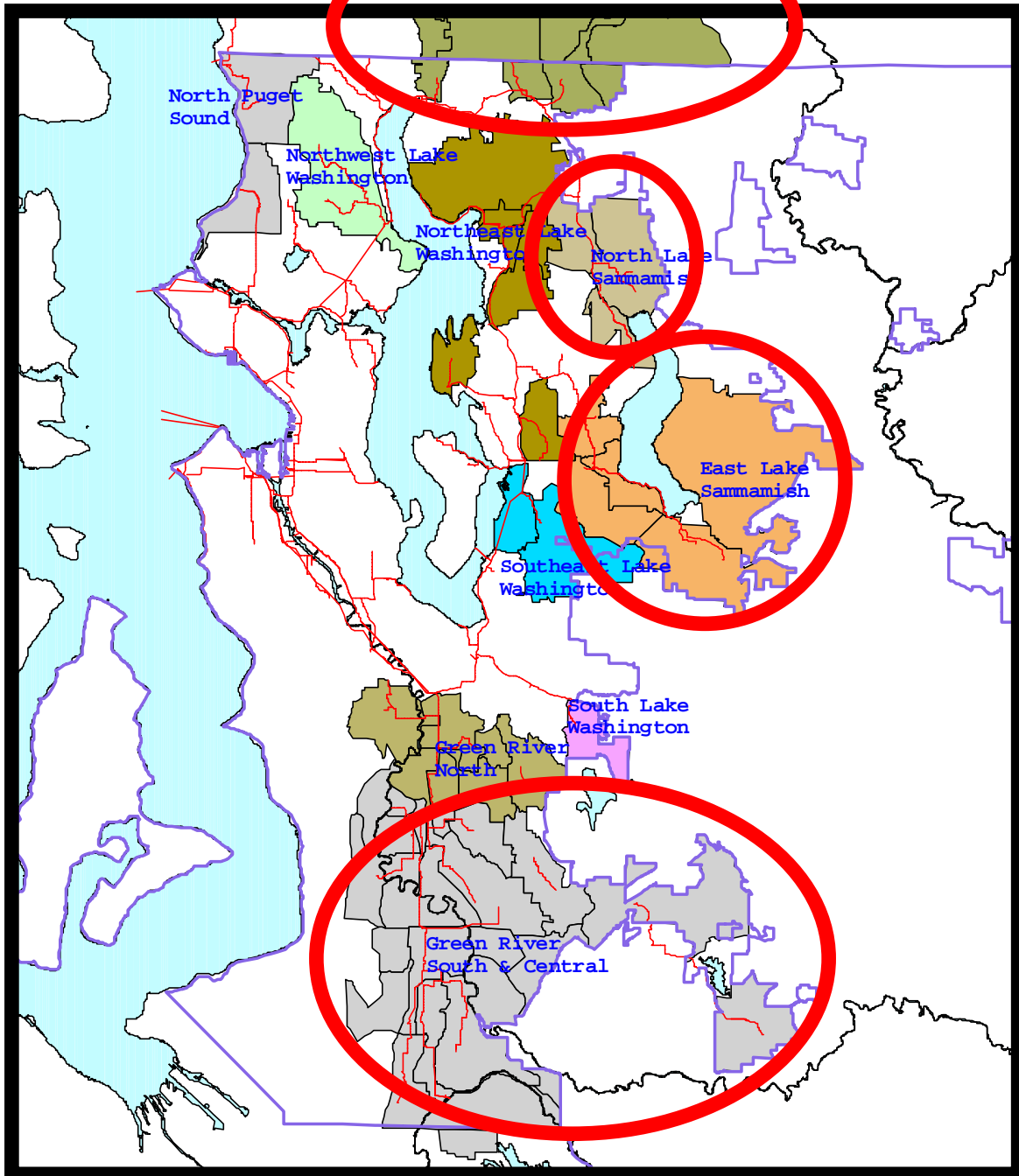
- Maximize area to be served by gravity
- Provide regional flexibility to respond to changing growth and development patterns
- Provide regional and local benefits
- Provide certainty for local service providers
- Maximize long term facility use
- Provide optimized capital and operating costs
- Integrate other RWSP program efforts



CSI INTEGRATION

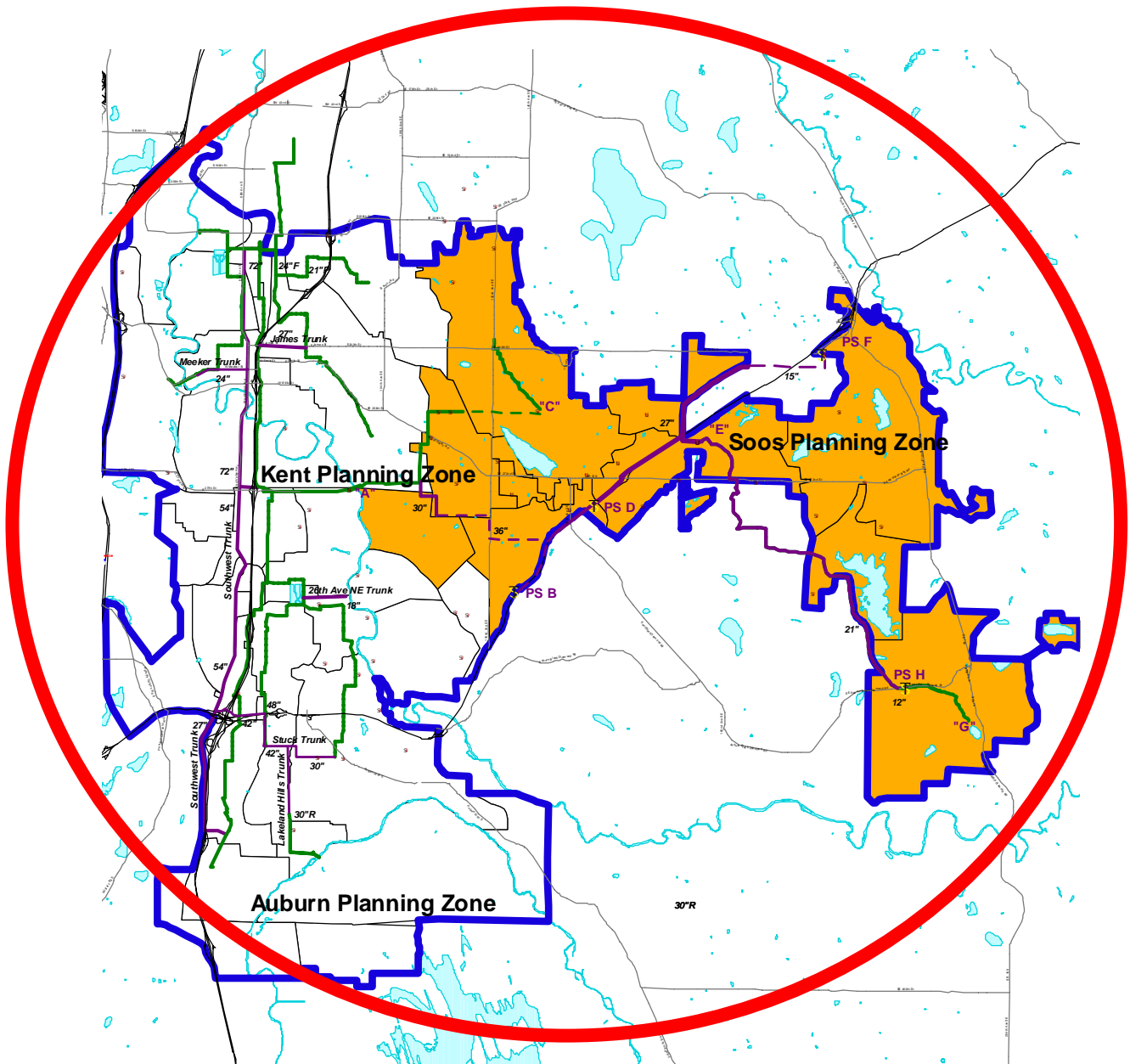


CSI PLANNING FOCUS



KING COUNTY

SOUTH GREEN RIVER PLANNING DETAIL



CSI PLANNING SCHEDULE

YEAR 2001

Q1	Q2	Q3	Q4
S. Green River planning complete (Part 1)	<ul style="list-style-type: none"> S. Lake Sammamish planning completed S. Green River projects to predesign (Part 1) S. Green River planning complete (Part 2) 	<ul style="list-style-type: none"> N Lake Sammamish Planning completed S. Lake Sammamish projects to predesign S. Green River projects to predesign (Part 2) 	<ul style="list-style-type: none"> N. Lake WA planning completed. N. Lake Sammamish projects to predesign

YEAR 2002

Q1	Q2	Q3	Q4
N. Lake Washington projects to predesign.	N. Green River planning completed	N. Green River projects to predesign	<ul style="list-style-type: none"> S. Lake Washington planning completed NW Lake WA Planning Complete

YEAR 2003

Q1	Q2	Q3	Q4
<ul style="list-style-type: none"> SE Lake Washington planning completed S. Lake Washington projects to predesign NW Lake WA projects to predesign 	SE Lake Washington projects to predesign	Final Summary Reports	CSI Contract Completed



KING COUNTY

CSI PROJECT SCHEDULE

MINOR TRUNK IMPROVEMENTS

RE-ENATAI:R08-01D TO R08-01B
 RE-ULID 1/5:R18F-01 TO 52
 RE-TFWXING:M-01B TO R18-34
 RE-TUK:R18-20A TO R18-11
 RE NMERR08G-20 R08-01C
 RE-GARISN:R18-09 TO 571
 RE-COAL:RE13-25 TO R13-20
 CW*PIPER T-23 D TO T-12
 CW*PIPER T-12 TO T-5
 WW*NCREEK W85-16 TO W85-13
 WW*NCREEK W85-13 TO W11-86
 RE-LKHILLS:R03-49 TO R03-25
 RE-WHILL:6A TO S31B

RWSP SPECIFIC PROJECTS

North Lake Interceptor - Tunnel
 North Lake Interceptor - Pump Station
 North Creek (Upgrade Pump Station)
 Modify York PS to pump 35 MGD north
 North Creek PS flows to Kenmore
 Increase new Kenmore area PS to 120 MGD
 Forcemain from new Kenmore PS to NEP

BRIGHTWATER SPECIFIC FACILITIES

Tunnel from NEP to Puget Sound
 NEP outfall to Puget Sound

SOUTH GREEN RIVER PROJECTS

Southwest Interceptor - Auburn Planning Zone
 26th Street Trunk - Auburn Planning Zone
 Stuck River Trunk - Auburn Planning Zone
 Garrison Creek Relief Trunk - Kent Planning Zone
 James Trunk - Kent Planning Zone
 Meeker Trunk - James Trunk
 Southwest Interceptor - Kent Planning Zone
 PS "D" & Force Main/Gravity-Soos Planning Zone
 SR 18 Trunk - Soos Planning Zone
 PS "F" & Force Main - Soos Planning Zone
 Black Diamond Parallel Sewer-Soos Planning Zone
 PS "H" & Force Main - Soos Planning Zone
 PS "B" & Force Main/Gravity-Soos Planning Zone

